

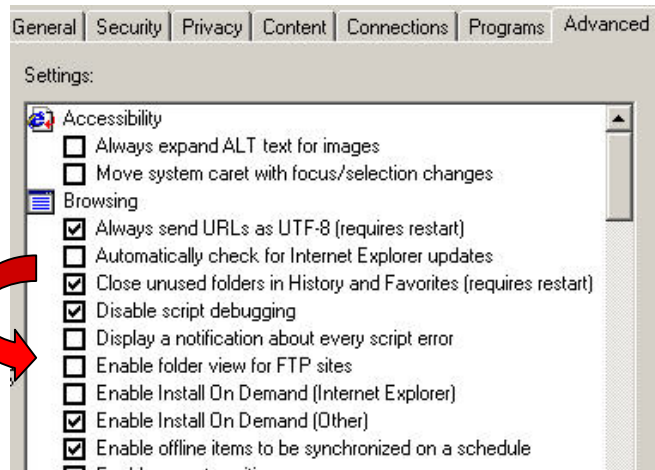
## Loading Spatial Data

Most spatial data is downloaded from the state data repository at MU. The web site is <http://msdis.missouri.edu>.

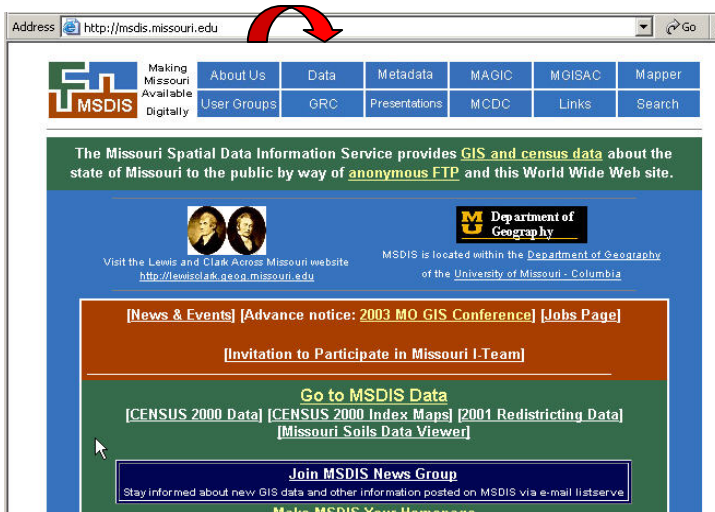
Before you start, you should double check your Options in Internet Explorer.

Downloads from MSDIS are accomplished using FTP. Your default in IE is probably not correct. Navigate to the Advanced tab under Options.

'Enable folder view for FTP sites' should be UNCHECKED.



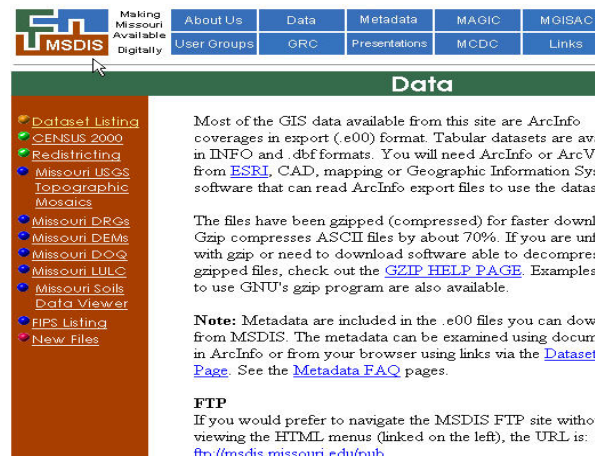
Select the Data button on the main page.



Data can be reviewed in two ways.

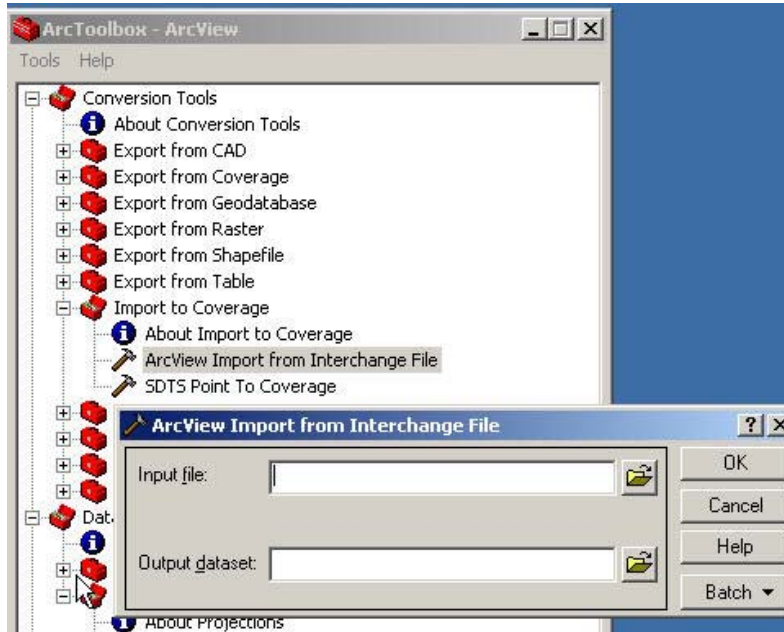
Under Data Listings you can get a brief description of how the data is classified and preview the metadata.

You can go straight to the FTP page and immediately begin downloading. If you have the data listings open and try to then open FTP, you will probably get an error. Close the Data Listings window and then open FTP.



Data downloaded from MSDIS is in ArcInfo interchange format (.e00). These .e00 files have also been zipped, so you will need WinZip.

Once the file has been unzipped, you will still need to import the interchange file to a coverage.



Use ArcToolBox and find the import from Interchange File tool in the Conversion Tools folder.

If you only have access to ArcView 3.x, use the Import71 utility provided.

You can import an interchange file into the same folder. It is not a good idea to create a folder just to hold a single coverage.

For example, when downloading a set of census data, create a folder called census. Then when you import census data, put all your tracts, blocks, block groups into the census folder.

Example: Input file: c:\gisdata\census\tract00.e00

Output dataset: c:\gisdata\census\tract00 (just leave off the .e00 extension).

## Metadata

Coverages downloaded from MSDIS as .e00 files, contain the corresponding metadata within the coverage. This data must be extracted from the coverage and put in a file format compatible with ArcCatalog. You must have use ArcInfo workstation for this.

Open an instance of ArcInfo. Navigate to the directory your coverages are stored in. You must use the workspace command for this, the command line CD for change directory won't work!

Arc: w c:\gisdata\census

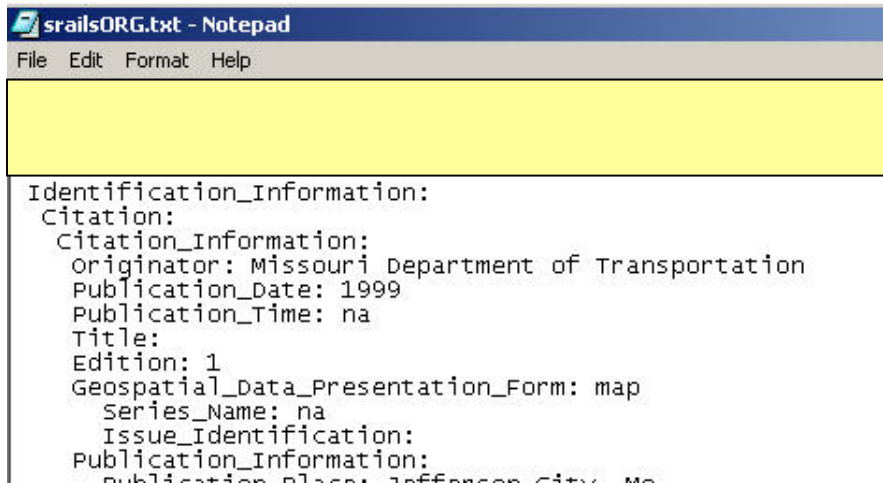
Arc: document tract00 file tract00.txt

<file> is the argument indicating you want to create an output file.

<tract00.txt> is the user defined output file name

Warning: Workstation ArcInfo DOES NOT SUPPORT SPACES IN DIRECTORY NAMES. You can 'cheat' and change the start directory on your Arc Workstation icon on your desktop.

Once you have created the output text file, you must edit it slightly to be compatible for ArcCatalog. Open the .txt file with Notepad. Delete all the lines down to “Identification\_Information:”.



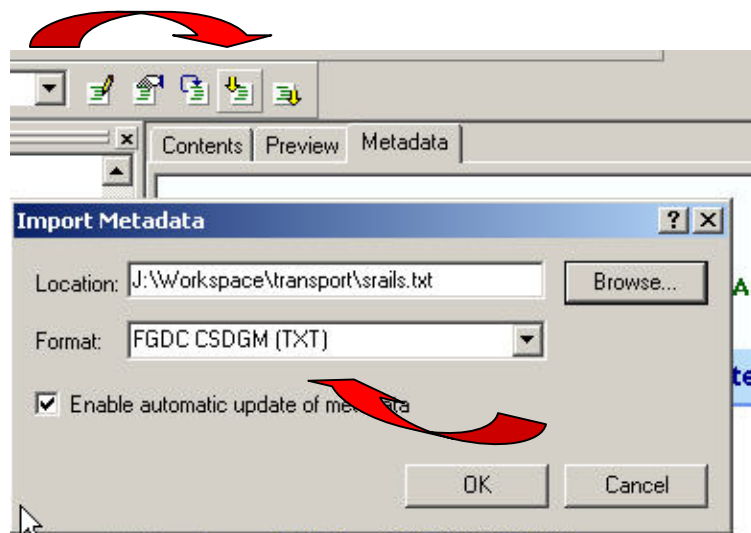
```
srailsORG.txt - Notepad
File Edit Format Help

Identification_Information:
Citation:
Citation_Information:
  Originator: Missouri Department of Transportation
  Publication_Date: 1999
  Publication_Time: na
  Title:
  Edition: 1
  Geospatial_Data_Presentation_Form: map
  Series_Name: na
  Issue_Identification:
  Publication_Information:
  Publication_Place: Jefferson City, Mo
```

Open ArcCatalog and navigate to the folder of your new coverage. Select the metadata tab for your coverage. Make sure to change the format to FGDC CSDGM (TXT).

Navigate to the location of your text file and click OK.

I don't know any 'tricks' if the import is unsuccessful (it indicates that there was an error when extracting using the document.aml).



All data layers should have metadata. If you can't download it, you should attempt to create your own.